

Date: Monday, 7/30/2007 1:52:32 PM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : 206/OH-58 SADDLE, INBOARD, LEFT SIDE
Job Number : 33782	
Estimate Number : 12925	
P.O. Number : <i>PLA</i>	Part Number : D29331UP
This Issue : 7/30/2007 S.O. No. : <i>PLA</i>	Drawing Number : D2933 REV C
Prsht Rev. : NC	Project Number : N/A
First Issue : <i>PLA</i> Type : MACHINED PARTS	Drawing Revision : C
Previous Run : 33317	Material : <i>PLA</i>
Written By : <i>[Signature]</i>	Due Date : 8/28/2007 Qty: 8 Um: Each
Checked & Approved By : <i>[Signature]</i> 07.07.30	
Comment : Est Rev:A New Issue 07-07-04 JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	D6101001	7075-T7351 2X6X6.25
-----	----------	---------------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 8.0000 Each(s)

Issue material from stock: 7075-T7351 QQ-A-250/12

Cut Size 2.0 x 6.25 X 6.00

Grain Along Long 6.00 Length

Batch No: *B 33679 x 7 pcs*

B 31380 x 1 pcs

J.F. 07/08/26

2.0	HAAS1	HAAS CNC VERTICAL MACHINING #1
-----	-------	--------------------------------



Comment: HAAS CNC VERTICAL MACHINING #1

Program part number and batch number.

1-Inspect part number and batch number are programmed correctly.

2-Machine Step No 1 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet

3-Machine Step No 2 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet

4-Machine Step No 3 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet

5-Deburr

SG / J.F. 07/08/27 8

3.0	MILLING CONV.	CONVENTIONAL MILLING MACHINE
-----	---------------	------------------------------



Comment: CONVENTIONAL MILLING MACHINE

Machine Keyway and inspect per attached dimension sheet

SG 07.08.28 8

4.0	QC1	INSPECT ALL DIM TO DIM SHEET
-----	-----	------------------------------



Comment: INSPECT ALL DIM TO DIM SHEET

SG / J.F. 07/08/27 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: LD Date: 07/08/13

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 7/30/2007 1:52:32 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 206/OH-58 SADDLE, INBOARD, LEFT SIDE

Job Number: 33782

Part Number: D29331UP

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

QC8

SECOND CHECK



Comment: SECOND CHECK

mk 07/08/29

(8)

6.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

W 07-08-30

(8)

7.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

07/08/31

(8)

8.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: *5443*

07/08/31

(8)

9.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

07/08/31

(8)

Job Completion



W 07-08-31

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order: 33782
Description: 206 Saddle, Inboard, Left side	Part Number: D2933-1
Inspection Dwg: D2933 Rev. C	Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2933 Rev. C and record below:

				Recorded Actual Dimensions				By	Date
Dim	Min	Max	Go/No Go Gauge	1	2	3	4		
A	0.100	0.140		.123"	.123"	.123	.123		
B	0.100	0.140		.123"	.124"	.123	.123		
C	0.100	0.140		.111"	.115"	.115	.115		
D	0.210	0.230		.221"	.220"	.220	.220		
E	1.245	1.255		1.250"	1.250"	1.250"	1.250"		
F	1.245	1.255		1.250"	1.250"	1.250"	1.250"		
G	2.495	2.505		2.500"	2.500"	2.500"	2.500"		
H	0.510	0.515		.513	.513	.513	.513		
I	1.572	1.582		1.578"	1.578"	1.578"	1.578"		
J	2.495	2.505		2.501"	2.501"	2.501"	2.501"		
K	0.257	0.262		Ø.258"	Ø.258"	Ø.258"	Ø.258"		
L	0.312	0.317		Ø.314"	Ø.314"	Ø.314"	Ø.314"		
M	0.235	0.240		.237	.237	.237	.237		
N	0.100	0.140		.121"	.120"	.120	.120		
O	0.540	0.560		.550"	.552"	.552	.552		
P	0.490	0.510		.500"	.500"	.500	.500		
Q	3.715	3.725		3.721"	3.721"	3.721"	3.721"		
R	2.470	2.510		2.496"	2.496"	2.496"	2.496"		
S	0.240	0.270		.252"	.253"	.253	.253		
T	0.100	0.180		.140"	.140"	.140"	.140"		
U	1.625	1.635		1.631"	1.631"	1.631"	1.631"		
V	1.362	1.372		1.368"	1.368"	1.368"	1.368"		
W	0.316	0.321		Ø.320"	Ø.320"	Ø.320"	Ø.320"		
X	1.125	1.145		1.134"	1.133"	1.133"	1.133"		
Y	1.565	1.585	DT8695 A/B	1.575"	1.575"	1.575"	1.575"		
Z	0.178	0.198		R.188"	R.188"	R.188"	R.188"		
AA									
AB									
AC									
AD									
AE									
AF									
Accept/Reject									

Measured by: J.F.
Date: 07/08/26

Audited by: BF
Date: 07.08.26

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	
C	06.10.03	Removed DT8683, DT8686 & DT8690	KJ/JLM	
D	07.03.21	Revised per drawing revision C	KJ/JLM	

DART AEROSPACE LTD	Work Order:	33782
Description: 206 Saddle, Inboard, Left side	Part Number:	D2933-1
Inspection Dwg: D2933 Rev. C		Page 1 of 1

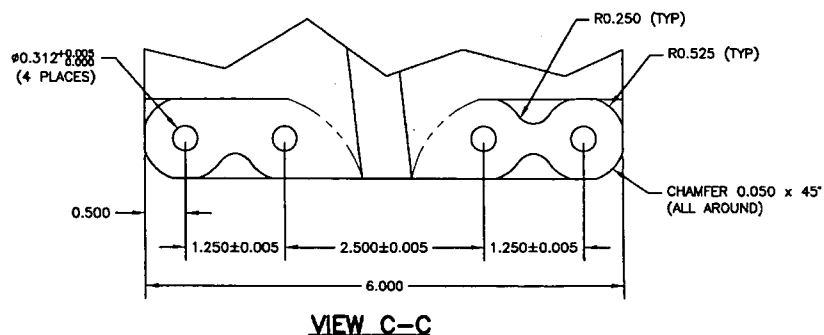
Inspect dimensions highlighted on inspection sheet drawing D2933 Rev. C and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.100	0.140		.123	.123	.123	.123		
B	0.100	0.140		.120	.120	.120	.120		
C	0.100	0.140		.120	.120	.120	.120		
D	0.210	0.230		.220	.220	.220	.220		
E	1.245	1.255		1.250	1.250	1.250	1.250		
F	1.245	1.255		1.250	1.250	1.250	1.250		
G	2.495	2.505		2.500	2.500	2.500	2.500		
H	0.510	0.515		.511	.511	.511	.511		
I	1.572	1.582		1.578	1.578	1.578	1.578		
J	2.495	2.505		2.500	2.500	2.500	2.500		
K	0.257	0.262		.258	.258	.258	.258		
L	0.312	0.317		.313	.313	.313	.313		
M	0.235	0.240		.237	.237	.237	.237		
N	0.100	0.140		.120	.120	.120	.120		
O	0.540	0.560		.552	.552	.552	.552		
P	0.490	0.510		.500	.500	.500	.500		
Q	3.715	3.725		3.721	3.721	3.721	3.721		
R	2.470	2.510		2.496	2.496	2.496	2.496		
S	0.240	0.270		.252	.252	.252	.252		
T	0.100	0.180		.140	.140	.140	.140		
U	1.625	1.635		1.631	1.631	1.631	1.631		
V	1.362	1.372		1.368	1.368	1.368	1.368		
W	0.316	0.321		.320	.320	.320	.320		
X	1.125	1.145		1.134	1.134	1.134	1.134		
Y	1.565	1.585	DT8695 A/B	1.575	1.575	1.575	1.575		
Z	0.178	0.198		.188	.188	.188	.188		
AA									
AB									
AC									
AD									
AE									
AF									
Accept/Reject									

Measured by:	<i>BC</i>
Date:	07.08.29

Audited by:	<i>AmL</i>
Date:	07/08/29

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	
C	06.10.03	Removed DT8683, DT8686 & DT8690	KJ/JLM	
D	07.03.21	Revised per drawing revision C	KJ/JLM	

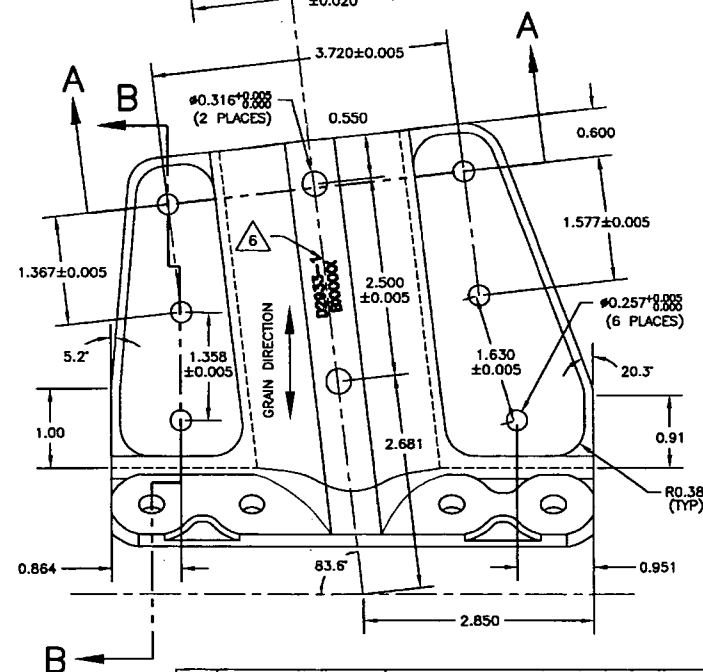
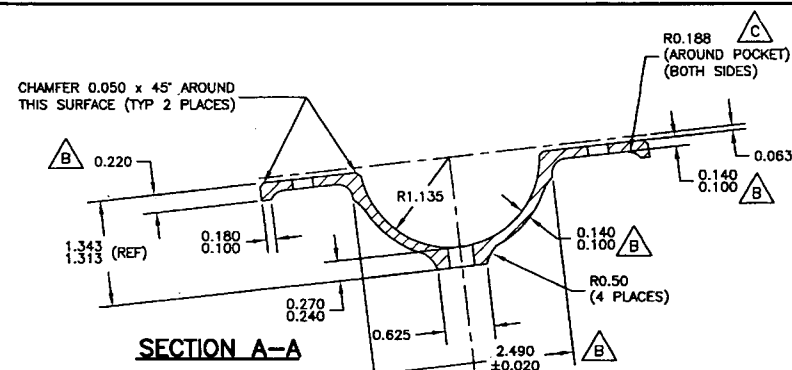
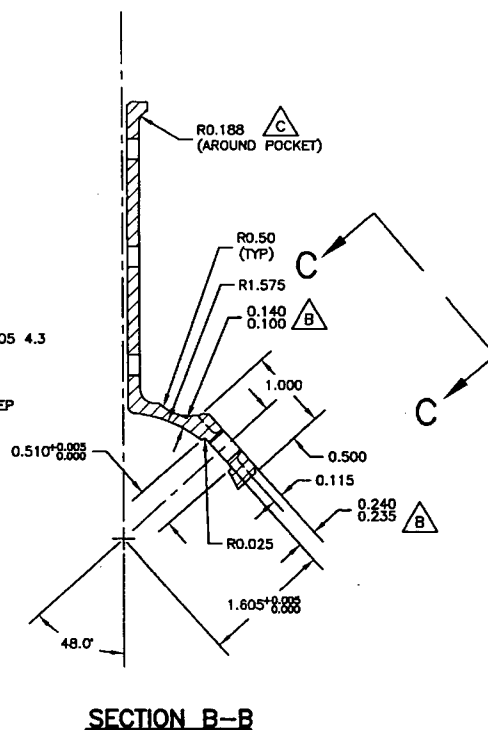


D2933-1 LH SADDLE (SHOWN)
D2933-2 RH SADDLE (OPPOSITE)

NOTES:

- 1) MATERIAL: ALUMINUM 7075-T7351 (QQ-A-250/12)
 (MAKE FROM D6101-001 SADDLE BILLET, 7075)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 POWDER COAT GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3
- 3) BREAK ALL SHARP EDGES 0.010 TO 0.020
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) ENGRAVE PART AND BATCH NUMBER IN THIS AREA 0.010 TO 0.015 DEEP

SHOP COPY
 RETURN TO
 ENGINEERING
 UNCONTROLLED COPY
 SUBJECT TO AMENDMENT
 WITHOUT NOTICE
 WORK ORDER
 103382
 07.02.12



C	06.11.09	R0.188 WAS R0.30 TO R0.25
B	00.05.29	CHANGED GEOMETRY AND MATERIAL
A	99.10.29	NEW ISSUE
DESIGN	4	DRAWN BY CB
CHECKED	PH	APPROVED
DATE	06.11.09	TITLE SADDLE INSIDE
DART AEROSPACE USA, INC.		REV. C
D2933		SHEET 1 OF 1
		SCALE 2:3

COPYRIGHT © 1999 BY DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL
 AND IS SUPPLIED ON THE EXPRESS CONDITION
 THAT IT IS NOT TO BE USED FOR ANY PURPOSE
 OR COPIED OR COMMUNICATED TO ANY OTHER
 PERSON WITHOUT WRITTEN PERMISSION FROM
 DART AEROSPACE USA, INC.